ABSTRACT OF THE DISCLOSURE

In an electronic apparatus for realizing a desired function by combining a plurality of units, a judging part judges whether a combination of the plurality of units is to realize the desired function and a power supply control part controls a supply of power from a power source to at least one of the units of the combination used to realize the desired function based on a judgement result of the judging part.

UTILITY MODEL ABSTRACTS OF JAPAN

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Applicant: **MITSUTOYO:KK**

Inventor: **MAMORU YASUDA, NOBUAKI MASAMUNE, KENNJI MATSUMOTO**

Title: **POWER SUPPLY CONTROL CIRCUIT OF PORTABLE INROMATION PROCESSING APPARATUS**

Abstract:

PURPOSE: To provide the power control circuit of a portable information processing apparatus which reduces the power consumption with a simple operation while the portable information processing apparatus is operated.

CONSTITUTION: The portable information processing apparatus 1 is activated by a battery and includes a connection terminal 27 connecting to a CRT display and a CRT controller/display circuit 23 operating the CRT display. In addition, a CPU 11 provided in the portable information processing apparatus 1 activates a CRTV signal to supply to a power supply circuit 26 when it is determined by a CRTON signal that a CRT display 3 is connected the connection terminal 27. In response to the CRTV signal, the power supply circuit 26 supplies a power voltage VCRT to the CRT controller/display circuit 23.

Japanese Utility Model Application Laid-Open No. 5-30930

[Abstract]

[Object] A power saving circuit for a portable information processing apparatus is provided for sufficiently saving electric power even during the operation of the apparatus without requiring complicated manipulations.

[Configuration] A portable information processing apparatus 1, which is driven by a battery, comprises a connection terminal 27 for connecting a CRT display, and a CRT controller/display circuit 23 for driving the CRT display. A CPU 11 contained in the portable information processing apparatus 1 activates a CRTV signal to a power supply circuit 26 only when it detects through a CRTON signal that the CRT display 3 is connected to the connection terminal 27. The power supply circuit 26 supplies the CRT controller/display circuit 23 with a supply voltage VCRT in response to the activated CRTV signal.

[Claim]

[Claim 1] A power saving circuit for a portable information processing apparatus driven by a battery, and having a connection terminal for connecting an external device and a peripheral circuit for driving or accessing the external device, characterized by comprising:

device connection detecting means for detecting that the external device is connected to the connection terminal; and

power supply means for supplying the peripheral circuit with a supply voltage only when the device connection detecting means detects that the external device is connected.